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ABSTRACT

The 1973 study by the Women Chemists Committee is updated for the 1974-75 academic year. Only professors, associate professors, and assistant professors are included, since lecturers, instructors, and others are not considered full-time appointees or permanent positions. Unfortunately, in following the fate of young women Ph.D.'s, it seems that the assistant professor rank can also be a very temporary appointment and not always a position in the tenure track. This revision shows that some chemistry departments have added women to their faculties for the first time since the 1973 report. But of the large departments, having over 30 faculty members with no women in 1973, only three of 26 have added women faculty members. The fact remains that the institutions surveyed continue to graduate more than 180 women Ph.D.'s in chemistry each year. The revision includes some departments that were omitted in the first compilation. (Author/MSE)

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WOMEN ON THE CHEMISTRY FACULTIES OF INSTITUTIONS GRANTING THE Ph.D. IN CHEMISTRY

In 1973, the Women Chemists Committee conducted a study of the numbers of women on graduate chemistry faculties, compared with 1971, to see if affirmative action programs had produced significant changes. This study is now updated for the 1974-75 academic year.

As is the 1973 edition of this compilation, only professors, associate professors and assistant professors are included. Adjunct professors, lecturers, instructors, etc., were not included since these are not considered full-time appointees or permanent positions. Unfortunately, in following the fate of young women Ph.D.'s, it seems that the assistant professor rank can also be a very temporary appointment and not always a position in the "tenure track".

This revision shows that some chemistry departments have added women to their faculties for the first time since the 1973 report. But of the large departments, having over 30 faculty members with no women in 1973 (C&EN, July 22, 1974), only the Massachusetts Institute of Technology, Texas A&M and Ohio State Universities have added women faculty members. The other 23 show no change.

And the fact still remains that the institutions surveyed here continue to graduate more than 180 women Ph.D.'s in chemistry each year.

The revision not only brings the data on women faculty members up to the 1974-5 academic year listings, it also includes some departments which were inadvertently omitted in the first compilation, such as Columbia University and the University of Massachusetts' Associated Five-College Graduate Faculty which included faculty from Smith College, Mt. Holyoke College and Amherst College. The overall picture remains the same, showing a very small percentage increase for women faculty members from 1.5% in 1970-1 to 2.2% in 1974-5.

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Submitted by Sister Agnes Ann Green
October 1976

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WOMEN ON THE FACULTIES OF CHEMISTRY DEPARTMENTS

OFFERING DOCTORAL STUDIES IN CHEMISTRY

(Revised to include 1974-5 data)

	1970-1	1972-3	1974-5
Total Full Time Staff in Chemistry	4,091	4,242	4,056
Women on Full Time Staff	60	85	88
Percent Women on Full Time Staff	1.5	2.0	2.2

	1971-2	1974-5
Total Number of Ph.D.'s Granted in Chemistry	1,907	1,733
Women Granted Ph.D.'s in Chemistry	189	181
Percent of Ph.D.'s Granted to Women	9.9	10.4

INSTITUTIONS	1970-1 Staff		1972-3 Staff		1974-5 Staff	
	Total	Women	Total	Women	Total	Women
Adelphi University	10	0	11	1	-	-
University of Akron	19	0	22	0	19	0
University of Alabama	16	0	17	0	18	0
American University	12	3	11	3	14	4
Arizona State University	27	0	33	0	32	1
University of Arizona	32	0	32	0	32	0
Northern Arizona University	13	0	13	0	-	-
University of Arkansas	19	0	22	0	19	0
Auburn University, Ala.	24	1	24	2	25	3
Baylor University	10	0	10	0	10	0
Boston College	18	0	17	0	19	0
Boston University	20	1	19	1	19	1
Brandeis University	15	0	19	1	18	0
Brigham Young University	29	0	28	0	28	0
Brown University	18	0	23	2	22	2
Bryn Mawr College	6	0	6	0	6	0
California Institute of Technology	34	0	33	0	27	0
California State University, San Diego	26	0	26	0	25	0
University of California, Berkeley	49	0	50	0	51	0
University of California, Davis	24	0	26	0	27	0
University of California, Irvine	15	1	17	1	18	1
University of California, Los Angeles	39	0	37	0	38	0
University of California, Riverside	18	0	19	0	13	0
University of California, San Diego	28	0	39	2	34	2
University of California, Santa Barbara	26	0	23	0	24	0
University of California, Santa Cruz	12	0	16	2	17	2
Carnegie-Mellon University	36	0	32	0	23	0
Case Western Reserve University	25	0	25	0	25	0
Catholic University of America, D.C.	13	0	11	0	10	0
University of Chicago	37	0	36	0	30	0

INSTITUTIONS	1970-1 Staff Total	1970-1 Staff Women	1972-3 Staff Total	1972-3 Staff Women	1974-5 Staff Total	1974-5 Staff Women
University of Cincinnati	23	2	23	2	25	1
City University of New York, Graduate School and University Center	80	2	96	3	78	1
Clark University	8	1	9	1	6	1
Clarkson College of Technology	17	1	16	1	19	1
Clemson University, S.C.	20	0	22	0	19	0
Cleveland State University	-	-	17	0	16	0
University of Connecticut	26	0	24	1	24	1
Colorado State University	24	0	28	0	26	0
University of Colorado	31	0	26	0	29	0
Columbia University	19	0	20	0	20	1
Cornell University	32	0	33	0	29	0
Dartmouth College	11	0	14	0	14	0
University of Delaware	22	1	25	1	22	1
University of Denver	7	0	10	0	11	0
University of Detroit	16	0	13	0	13	0
Drexel University	19	0	17	0	15	0
Duke University	20	0	23	0	22	0
Duquesne University	9	0	9	0	8	0
Emory University	14	0	14	0	14	0
Florida State University	35	0	35	1	34	0
University of Florida	34	0	35	0	32	0
Fordham University	13	0	13	0	12	0
George Washington University	13	1	12	1	12	0
Georgetown University	17	1	16	1	16	0
Georgia Institute of Technology	29	0	29	0	28	0
University of Georgia	30	0	34	0	31	0
Harvard University	23	0	24	1	26	0
University of Hawaii	21	0	23	0	21	0
University of Houston	20	2	24	1	25	1
Howard University	18	0	18	0	19	0
University of Idaho	13	1	14	1	12	1
Illinois Institute of Technology	22	0	18	0	17	0
University of Illinois, Chicago	19	1	31	2	33	1
University of Illinois, Urbana	39	0	37	0	37	0
Indiana University	47	0	43	0	35	0
Institute of Paper Chemistry	22	0	18	0	17	0
Iowa State University	35	0	33	0	31	0
University of Iowa	23	0	23	0	21	0
Johns Hopkins University	21	0	18	0	18	1
Kansas State University	22	0	21	2	20	0
University of Kansas	23	0	21	0	22	1
Kent State University	21	0	24	1	18	1
University of Kentucky	22	0	23	1	23	1
Lehigh University	14	0	22	0	24	0
Louisiana State Univ., Baton Rouge	32	1	29	0	30	0

INSTITUTIONS	1970-1 Staff Total	1970-1 Staff Women	1972-3 Staff Total	1972-3 Staff Women	1974-5 Staff Total	1974-5 Staff Women
Louisiana State University, New Orleans (Univ. of New Orleans)	15	1	20	2	19	1
University of Louisville, Kentucky	14	1	14	1	8	1
University of Lowell (Lowell Tech. I.)	24	0	19	0	23	1
Loyola University of Chicago	10	0	13	0	12	0
University of Maine	11	0	14	0	13	0
Marquette University	17	0	18	0	17	0
University of Maryland	52	1	52	1	50	1
Univ. of Maryland, Baltimore County	-	-	-	-	13	1
Massachusetts Institute of Technology	43	0	35	0	33	2
Univ. of Mass., Amherst and Boston	47	0	47	0	47	0
Univ. of Mass., Assoc. 5 College-Grad. Faculty (Amherst, Smith, Mt. Holyoke)	13	1	17	3	21	5
Memphis State University	21	1	22	1	23	1
University of Miami, Florida	16	0	17	0	15	0
Miami University, Ohio	15	1	18	1	19	1
Michigan State University	32	0	34	0	32	0
Michigan Tech. University	9	0	13	1	13	1
University of Michigan	38	1	40	1	37	1
University of Minnesota	37	0	36	0	38	0
University of Mississippi	12	0	14	0	14	0
Mississippi State University	9	0	13	1	14	0
University of Missouri, Columbia	21	0	19	0	19	0
University of Missouri, Kansas	13	0	14	0	18	1
University of Missouri, Rolla	23	0	24	0	20	0
University of Missouri, St. Louis	17	2	17	2	17	2
University of Montana	13	0	18	0	13	0
Montana State University	20	0	20	0	19	0
University of Nebraska, Lincoln	28	1	31	1	29	1
University of Nevada, Reno	10	0	11	0	10	0
University of New Hampshire	16	1	18	1	16	1
University of New Mexico	13	0	16	0	19	0
New Mexico State University	16	0	19	2	20	2
State Univ. of New York, Albany	19	0	24	0	22	0
State Univ. of New York, Binghamton	14	0	15	0	17	1
State Univ. of New York, Buffalo	29	0	25	0	28	0
State Univ. of New York, Stony Brook	29	0	32	0	32	0
State Univ. of New York, Syracuse (College of Environmental Science & Forestry)	14	0	12	0	16	0
Syracuse University	19	0	20	0	20	0
New York Univ., Washington Square	32	0	23	0	22	0
North Carolina State University	36	0	32	0	31	0
N.C. State Univ., Raleigh, Textile Chem.	-	-	11	0	11	0
University of North Carolina	29	0	32	0	34	0

INSTITUTIONS	1970-1 Staff Total	1970-1 Staff Women	1972-3 Staff Total	1972-3 Staff Women	1974-5 Staff Total	1974-5 Staff Women
North Dakota State University	17	0	16	0	15	0
University of North Dakota	16	0	15	0	14	0
North Texas State University	14	0	15	0	16	0
Northeastern University, Mass.	21	1	20	1	21	1
Northern Illinois Univ., De Kalb	24	2	22	2	22	2
Northwestern University	34	0	33	0	28	0
Notre Dame University	27	0	23	0	25	0
Ohio State University	43	0	40	0	39	1
Ohio University	19	0	18	0	19	0
Oklahoma State University	17	0	18	1	17	0
University of Oklahoma	22	0	24	0	23	0
Oregon Graduate Center, Beaverton	13	0	7	0	11	0
Oregon State University	31	0	32	0	26	0
University of Oregon	25	0	27	0	27	0
University of the Pacific	13	0	11	0	12	0
Pennsylvania State University	36	0	36	0	37	0
University of Pennsylvania	27	1	27	1	26	1
University of Pittsburgh	30	1	30	0	30	0
Polytechnic Institute of New York, Brooklyn	23	4	16	2	17	2
Princeton University	18	0	19	1	18	1
Providence College	11	0	9	0	8	0
Purdue University	48	0	49	1	45	1
Rensselaer Polytechnic Institute	27	1	27	1	30	1
University of Rhode Island	16	0	17	0	17	1
Rice Institute	16	0	18	0	15	0
University of Rochester	20	0	23	0	22	0
Rockefeller University	38	3	41	3	22	1
Roswell Park Div. of the State Univ. of New York, Buffalo	-	-	10	0	10	0
Rutgers University, New Brunswick and Douglas College	31	4	33	5	42	6
Rutgers University, Newark	13	0	13	0	15	0
St. John's University, N.Y.	14	0	14	0	-	-
St. Louis University	12	0	12	0	11	0
Seton Hall University	13	0	14	1	14	1
University of South Carolina	17	0	19	0	22	0
South Dakota State University	17	0	15	0	-	-
University of South Dakota	10	0	11	0	-	-
University of South Florida	21	-	27	-	28	1
University of Southern California	21	1	24	0	23	0
Southern Illinois University	23	0	24	0	24	0
University of Southern Mississippi	11	1	13	1	15	1
Stanford University	24	0	21	0	25	0
Stevens Institute of Technology	19	0	20	0	20	0

INSTITUTIONS	1970-1 Staff Total	1970-1 Staff Women	1972-3 Staff Total	1972-3 Staff Women	1974-5 Staff Total	1974-5 Staff Women
Temple University	19	1	17	0	16	0
University of Tennessee	31	0	31	0	29	1
Texas A&M University	47	1	48	0	51	1
Texas Christian University	9	0	8	0	10	0
Texas Tech University	20	1	22	1	22	1
University of Texas, Austin	44	0	44	1	35	1
Texas Women's University	14	0	12	0	12	0
University of Toledo	17	2	20	2	15	2
Tufts University	15	0	14	0	14	0
Tulane University	13	0	14	1	12	1
Utah State University	22	1	21	1	21	1
University of Utah	21	0	21	0	24	0
Vanderbilt University	17	0	18	0	19	0
University of Vermont	12	0	12	0	13	1
Villanova University	15	0	19	1	13	0
Virginia Commonwealth University	9	1	9	0	9	0
University of Virginia	18	0	19	0	19	0
Virginia Polytechnic Institute	25	0	25	0	26	0
Washington State University	21	0	31	0	26	1
University of Washington	30	0	31	0	32	0
Washington University, St. Louis	18	0	17	0	16	0
Wayne State University	33	0	35	0	30	0
Wesleyan University	10	0	12	0	10	0
Western Michigan University	19	0	19	0	19	0
West Virginia University	21	0	20	0	21	0
Wichita State University	10	0	12	0	13	0
University of Wisconsin, Madison	44	0	43	0	42	0
University of Wisconsin, Milwaukee	19	0	19	1	19	1
Worchester Polytechnic Institute	13	0	13	0	14	0
University of Wyoming	21	2	22	2	17	2
Yale University	30	0	28	1	25	0
TOTALS	4,091	60	4,242	85	4,056	88

ANALYSIS OF RANKS HELD BY WOMEN FACULTY MEMBERS OF THESE DEPARTMENTS

	1970-1	1972-3	1974-5
Professor	15	16	19
Associate Professor	23	29	25
Assistant Professor	22	40	44

DATA SOURCES 1. Directory of Graduate Research, 1971, 1973, 1975. ACS Publ.

2. Reports of the Committee on Professional Training of the American Chemical Society, e.g. Chem. Eng. News, April 8, 1975, page 30 "Chemistry Graduation Data".